## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"11983464"	US-PGPUB; USPAT	ADJ	ON	2010/12/01 16:59
S2	4	US-3338696-\$.DID. OR US- 3682609-\$.DID. OR US- 20070039990-\$.DID. OR US-20060261118-\$.DID.	US-PGPUB; USPAT	ADJ	ON	2010/12/01 17:53
S3	0	"2007223009"	US-PGPUB; USPAT	ADJ	ON	2010/12/01 17:54
S4	0	"2007223009"	US-PGPUB; USPAT	ADJ	ON	2010/12/01 17:54
S5	0	"200723009"	US-PGPUB; USPAT	ADJ	ON	2010/12/01 17:55
S6	0	"2007223009"	US-PGPUB; USPAT	ADJ	ON	2010/12/01 17:55
S7	7	erfling	US-PGPUB; USPAT	ADJ	ON	2010/12/01 17:55
S8	7	erfling.in.	US-PGPUB; USPAT	ADJ	ON	2010/12/01 17:55
S9	2	WO "2005108917"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/12/01 17:56
S10	1	WO "2008028246"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/12/01 17:57
S11	250	((XIN) near2 (CHEN)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/02 11:36
S12	20	((ANPING) near2 (LIU)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/02 11:36
S13	19	((NAI YUE) near2 (ZHOU)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/02 11:36
S14	275	S11 or S12 or S13	US-PGPUB; USPAT	ADJ	ON	2010/12/02 11:36
S15	6	S14 and (measur\$5 near3 (shape or surface))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 11:37
S16	1	"20070247639"	US-PGPUB; USPAT	ADJ	ON	2010/12/02 12:36
S17	1674	(356/626,625,601).ccls.	US-PGPUB; USPAT	ADJ	ON	2010/12/02 13:48
S18	618	S17 and (reflect\$4 near3 beam)	US-PGPUB; USPAT	ADJ	ON	2010/12/02 13:48

S19	285	S18 and laser beam	US-PGPUB; USPAT	ADJ	ON	2010/12/02 13:48
S20	285	S18 and (laser beam)	US-PGPUB; USPAT	ADJ	ON	2010/12/02 13:48
S21	324	S18 and (incident\$4 near3 beam)	US-PGPUB; USPAT	ADJ	ON	2010/12/02 13:49
S22	134	\$21 and (differen\$5 or chang\$5 or varian\$4 or deviat\$5 or divergen\$5 or differ\$4 or disparity or departur\$5) same ((reflect \$4 near3 beam) and (incident\$4 near3 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 13:53
S23	134	\$21 and ((differen\$5 or chang\$5 or varian\$4 or deviat\$5 or divergen\$5 or differ\$4 or disparity or departur\$5) same ((reflect \$4 near3 beam) and (incident\$4 near3 beam)))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 13:53
S24	7	\$21 and (((differen\$5 or chang\$5 or varian\$4 or deviat\$5 or divergen\$5 or differ\$4 or disparity or departur\$5) near3 (position or location)) same ((reflect \$4 near3 beam) and (incident\$4 near3 beam)))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 14:17
S25	31	S14 and (profile near3 (shape or surface))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 14:39
S26	0	\$23 and slope and (elliptical near3 beam)	US-PGPUB; USPAT	ADJ	ON	2010/12/02 14:43
S27	31	\$23 and slope	US-PGPUB; USPAT	ADJ	ON	2010/12/02 14:43
S28	0	\$27 and (((aspect ratio) or (ellip\$4)) near3 (beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 14:43
S29	8	\$23 and (slope same angle)	US-PGPUB; USPAT	ADJ	ON	2010/12/02 14:54
S30	1	\$23 and ((aspect ratio) near6 (incident near3 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 15:46
S31	1	\$23 and ((aspect ratio) same (incident near3 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 15:46
S32	6	S23 and ((aspect ratio))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 15:47
S33	9	\$23 and (((aspect ratio) or (elliptic\$5)) near4 beam)	US-PGPUB; USPAT	ADJ	ON	2010/12/02 15:53

S34	2	\$21 and (((aspect ratio) or (elliptic\$5)) near6 (incident near3 beam)) AND ((reflect \$4 near3 beam) and (incident\$4 near3 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 15:59
S35	0	S21 and (wafer near3 inspection) and ((aspect ratio) near3 (incident\$4 near3 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:11
S36	1	(wafer near3 inspection) and ((aspect ratio) near3 (incident\$4 near3 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:11
S37	45	(wafer near3 inspection) and ((aspect ratio) near3 (beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:12
S38	152	(wafer near3 inspection) and ((elliptical) near3 (beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:31
S39	0	(wafer near3 inspection) and ((elliptical) near3 (incidence beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:31
S40	0	(wafer near3 inspection) and ((elliptical) near3 (incident beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:31
S41	0	(wafer near3 inspection) and ((elliptical) near3 (incident\$4 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:32
S42	3	(wafer near3 inspection) and ((elliptical) near3 (incident\$4 near3 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:32
S43	1	S17 and ((elliptical) near3 (incident\$4 near3 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:33
S44	13	S17 and ((elliptical) near3 (\beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:35
S45	13	S17 and ((elliptical) near3 (beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:35
S46	0	S17 and (beam shper)	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:43
S47	4	S17 and (beam shaper)	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:43
S48	0	S17 and (beam shaper) and ((elliptical) or (high aspect ratio))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:44
S49	0	S17 and (beam shaper) and ((elliptical))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:44
S50	40	S17 and (wide near3 beam)	US-PGPUB; USPAT	ADJ	ON	2010/12/02 16:59

S51	7	S17 and ((wide near3 beam) same (efficien\$5 or accuracy or accurate))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 17:00
S52	40	S17 and ((wide near3 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/02 17:09
S53	0	S17 and ((wide near3 beam) near4 "10")	US-PGPUB; USPAT	ADJ	ON	2010/12/02 17:10
S54	0	S17 and ((wide near3 beam) near5 "10")	US-PGPUB; USPAT	ADJ	ON	2010/12/02 17:10
S55	12	((wafer inspection) or (topograph\$4)) and ((wide near3 beam) near5 "10")	US-PGPUB; USPAT	ADJ	ON	2010/12/02 17:11
S56	4	((wafer inspection)) and ((wide near3 beam)) and (high aspect ratio)	US-PGPUB; USPAT	ADJ	ON	2010/12/02 17:18
S57	1	"6621581".pn.	US-PGPUB; USPAT	ADJ	ON	2010/12/02 18:20
S58	1	"20090120134"	US-PGPUB; USPAT	ADJ	ON	2010/12/02 18:39
S59	8187	((wide near3 beam) or (aspect ratio)) near3 ("10")	US-PGPUB; USPAT	ADJ	ON	2010/12/03 13:44
S60	0	(profilometry OR (wafer inspecton)) same ((aspect ratio)) near3 ("10")	US-PGPUB; USPAT	ADJ	ON	2010/12/03 13:45
S61	37	(profilometry OR (wafer inspecton)) and ((aspect ratio)) near3 ("10")	US-PGPUB; USPAT	ADJ	ON	2010/12/03 13:45
S62	37	(profilometry OR (wafer inspecton)) and ((aspect ratio) near3 ("10"))	US-PGPUB; USPAT	ADJ	ON	2010/12/03 13:46
S63	7172	(profilometry OR (wafer inspecton) OR topography) and ((aspect ratio) or (wide near3 beam) or (line near3 beam) or (ellip\$5 near3 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/03 15:57
<b>S</b> 64	1587	(profilometry OR (wafer inspecton) OR topography) and (((aspect ratio) near3 beam) or (wide near3 beam) or (ellip\$5 near3 beam))	US-PGPUB; USPAT	ADJ	ON	2010/12/03 16:00
S65	1	"4853777".pn.	US-PGPUB; USPAT	ADJ	ON	2010/12/03 16:01
S66	39	"4853777"	US-PGPUB; USPAT	ADJ	ON	2010/12/03 16:04
S67	0	"4853777.pn."	US-PGPUB; USPAT	ADJ	ON	2010/12/03 16:04

S68	1	"4853777".pn.	US-PGPUB; USPAT	ADJ	ON	2010/12/03 16:04
S69	2	"4647197".pn. OR "4629319".pn.	US-PGPUB; USPAT	ADJ	ON	2010/12/03 16:10
S70	2	"20040057046".pn. or "5999840".pn.	US-PGPUB; USPAT	ADJ	ON	2010/12/03 16:10
S71	5	S68 or S69 or S70	US-PGPUB; USPAT	ADJ	ON	2010/12/03 16:10
S72	2	S71 and (line near4 source same laser near3 scan\$5)	US-PGPUB; USPAT	ADJ	ON	2010/12/03 16:11
S73	107	(profilometry OR (wafer inspecton) OR topography) and ((aspect ratio) or (wide near3 beam) or (line near3 beam) or (ellip\$5 near3 beam))	EPO; JPO; DERWENT	ADJ	ON	2010/12/03 17:18
S74	8	((MARCO) near2 (RUZZIER)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/03 18:20
S75	3	((ANDREA) near2 (DEMERGAZZI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/03 18:21
S76	19	((DAVIDE) near2 (SARCHI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/03 18:21
S77	0	S74 or S75 or S76	EPO; JPO; DERWENT	ADJ	ON	2010/12/03 18:21
S78	28	S74 or S75 or S76	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/03 18:21

## **EAST Search History (Interference)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S79		((form\$4 or produc\$4 or draw\$4 or making or spin\$4) near3 (optical fiber)) AND (oscillat\$4 or frequency or vibrat \$4) AND (weight or weighing or mass or density) AND (chemical near3		ADJ	ON	2010/12/04 13:28
		deposit\$4)				

S80	2	(((form\$4 or produc \$4 or draw\$4 or making or spin\$4) near3 (optical fiber)) AND (oscillat\$4 or frequency or vibrat \$4) AND (weight or weighing or mass or density) AND (chemical near3 deposit\$4)).CLM.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/12/04 13:29
S81	70	((((form\$4 or produc \$4 or draw\$4 or making or spin\$4) near3 (optical fiber)) AND (oscillat\$4 or frequency or vibrat \$4) AND (weight or weighing or mass or density)).CLM.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/12/04 13:36
S82	1	"6002472".pn.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/12/04 14:45
S83	1	"7228245".pn.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/12/04 15:00

## 12/4/2010 4:05:48 PM

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